



ERIE TECHNOLOGICAL PRODUCTS
ERIE, PENNSYLVANIA 16512

NEW RESISTOR

**DATA
AND
SAMPLE
ENCLOSED**

0010000 G EP 03 C *
T H NELSON SYS CONSLT *
P O BOX 1546 *
POUGHKEEPSIE NY 12603

**BULK RATE
U.S. POSTAGE
PAID
ERIE, PA.
PERMIT NO. 1014**

ATTN: ADVERTISING DEPARTMENT

Erie, Pennsylvania 16512

644 West 12th Street

ERIE TECHNOLOGICAL PRODUCTS, INC.

Postage will be paid by

BUSINESS REPLY MAIL
No postage stamp necessary if mailed in the United States

FIRST CLASS PERMIT
NO. 671
ERIE, PA.



Here is your 1st sample of the
industry's Newest Resistor



SAVE SPACE

up to 50% less board area

ARE RELIABLE

no weak links as with spiraled resistors

NO DERATING

full load to 125°C.

COMPETITIVELY PRICED

5¢ to 15¢ depending on wattage,
temperature coefficient and tolerance



If you need a stable 1/8, 1/4 or 1/2W resistor with a tolerance as close as 1% and a TCR of ± 300 PPM/ $^{\circ}$ C or better
Tell us about your specific application and we'll send you 12 samples of the value, tolerance and rating you specify.

Please send 12 Blue Chip Samples.

My application is _____

Resistance Value _____

Tolerance	<input type="checkbox"/> 1%	<input type="checkbox"/> 2%	<input type="checkbox"/> 5%
Wattage	<input type="checkbox"/> 1/8W	<input type="checkbox"/> 1/4W	<input type="checkbox"/> 1/2W

Name _____ Mail Stop _____

Title _____

Company _____

Street _____

City _____ State _____ Zip _____

BLUE CHIP

STYLE 7531 THICK FILM METAL GLAZE RESISTORS

SPECIFICATIONS

RESISTANCE RANGE 1 OHM TO 1 MEGOHM

STANDARD TOLERANCES 1%, 2%, 5%, 10%

WATTAGE RATINGS 1/8W, 1/4W, 1/2W

MAXIMUM CONTINUOUS WORKING VOLTAGE 350 Vdc

TEMPERATURE RANGE -55°C TO +125°C

TEMPERATURE COEFFICIENT SEE TABLE ON REVERSE SIDE

MARKING "ERIE", T.C. AND WATTAGE CODE, RESISTANCE AND TOLERANCE CODE.

TEST	AVERAGE ΔR *
LOAD LIFE (1000 HRS. RATED POWER @ 70°C)	± 0.1 %
MOISTURE RESISTANCE (PER MIL-STD-202, METHOD 106B)	± 0.1 %
TEMPERATURE CYCLING	± 0.1 %
LOW TEMPERATURE STORAGE (4 HRS. @ -40°C)	± 0.04 %
SHORT TIME OVERLOAD	± 0.05 %
SOLDER EFFECT (2 SECS. @ 245°C)	± 0.05 %
TERMINAL STRENGTH (5 lb. PULL)	± 0.03 %

* AVERAGE ΔR SHALL BE AS LISTED OR 0.5 OHMS, WHICHEVER IS GREATER.

TO ORDER – SPECIFY

	<u>7531</u>	<u>XXX</u>	<u>XX X</u>	<u>XXXX X</u>
STYLE NUMBER _____	_____	_____	_____	_____
VARIATION DESIGNATION _____	_____	_____	_____	_____
TEMPERATURE COEFFICIENT _____	_____	_____	_____	_____
CODE (10 = 100 PPM; 20 = 200 PPM; 30 = 300 PPM)	_____	_____	_____	_____
WATTAGE CODE (2 = 1/2W; 4 = 1/4W; 8 = 1/8W) _____	_____	_____	_____	_____
1st THREE SIGNIFICANT FIGURES OF RESISTANCE VALUE _____	_____	_____	_____	_____
(FOR VALUES $< 100 \Omega$, INDICATE 1st TWO SIGNIFICANT FIGURES. THEN INDICATE DECIMAL POINT WITH AN "R", FOLLOWED BY 3rd SIGNIFICANT FIGURE) EX. 99.9 = 99R9	_____	_____	_____	_____
NUMBER OF ZEROES FOLLOWING _____	_____	_____	_____	_____
(ONLY APPLIES TO VALUES $> 100 \Omega$)	_____	_____	_____	_____
TOLERANCE: F=1%; G=2%; J=5%; K=10% _____	_____	_____	_____	_____



BLUE CHIP

THICK FILM METAL GLAZE **RESISTOR**

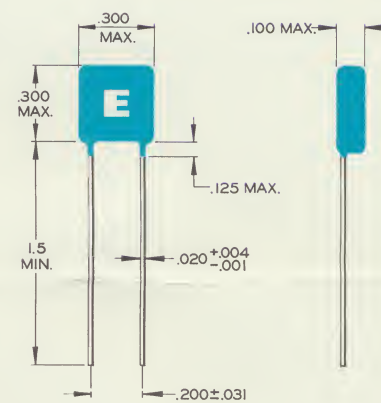
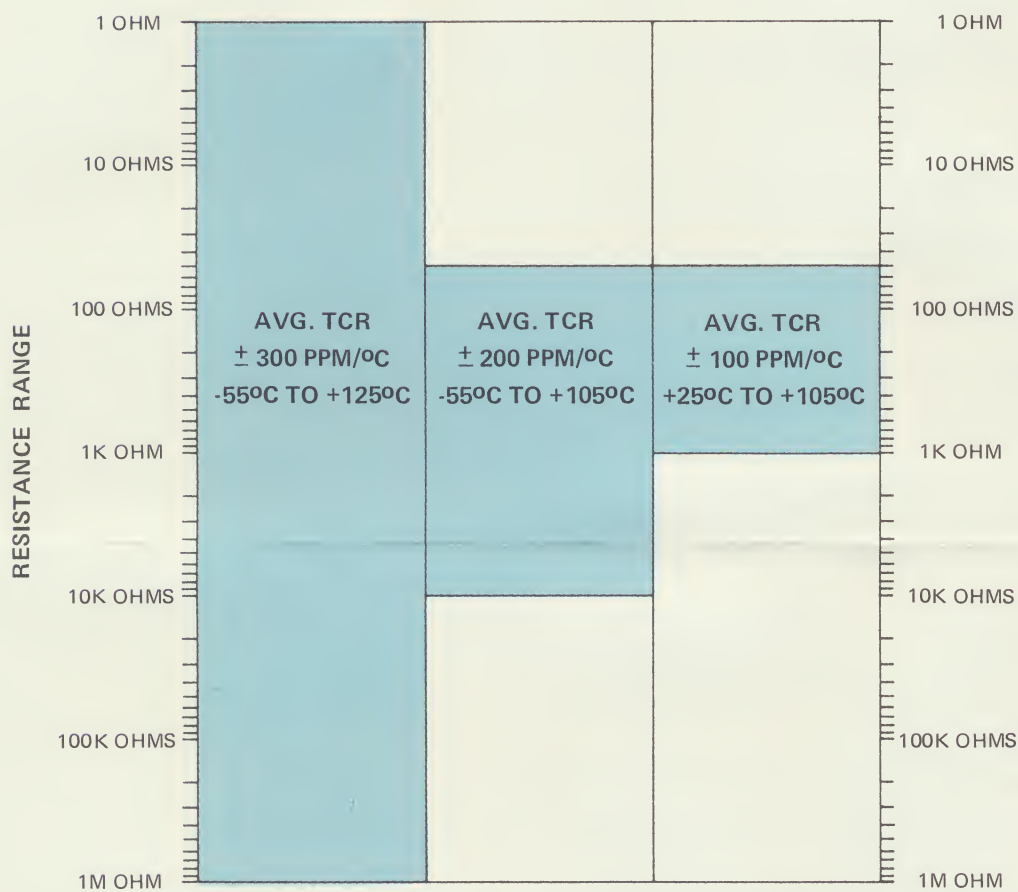
ERIE

TECHNOLOGICAL

PRODUCTS, INC



Featuring ERIE'S EXCLUSIVE **JET-SEAL** ENCAPSULANT



for information call or write

ERIE TECHNOLOGICAL PRODUCTS, INC.

644 WEST 12th STREET

ERIE, PENNSYLVANIA 16512

PHONE: (814) 456-8592